White Knight
domestic appliances

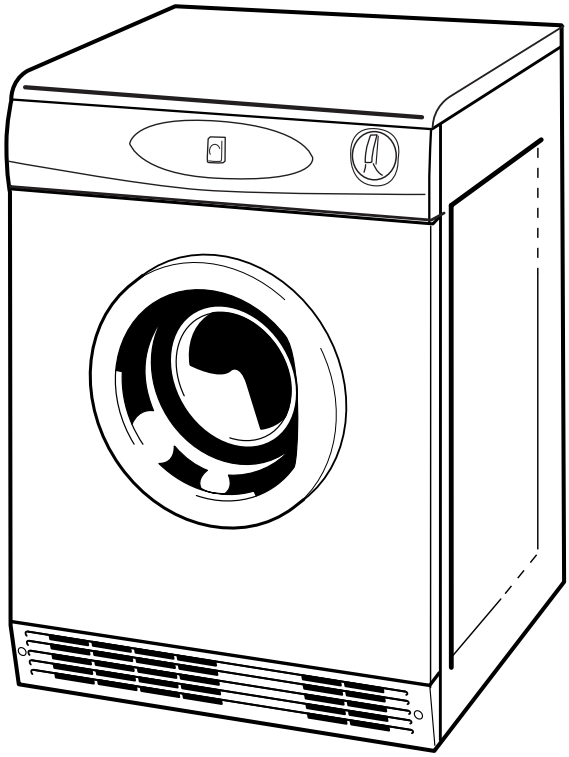
SERVICE MANUAL

Air Vented Tumble Dryer

White Knight- 42AW

UK

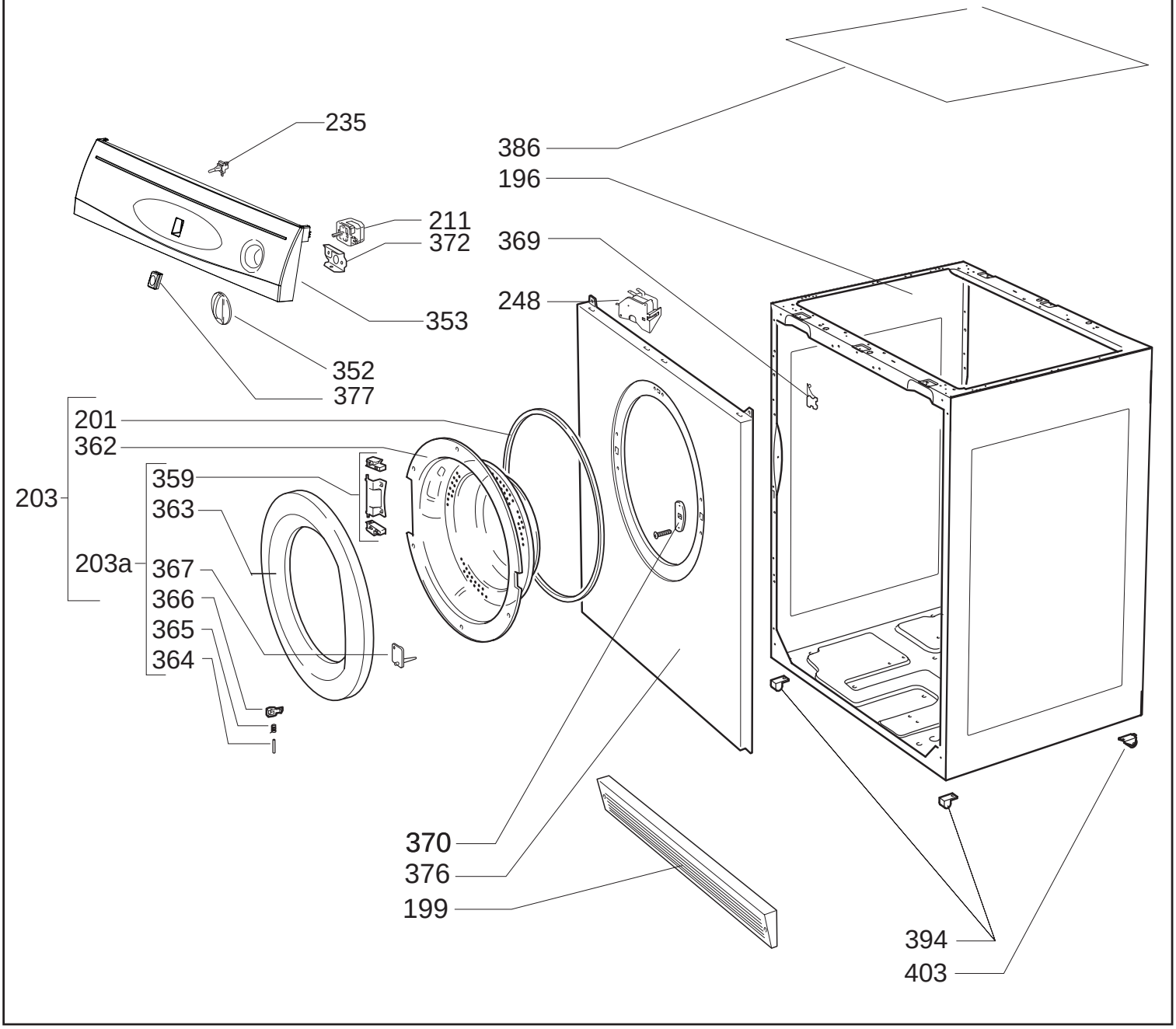
0312 42A 15002



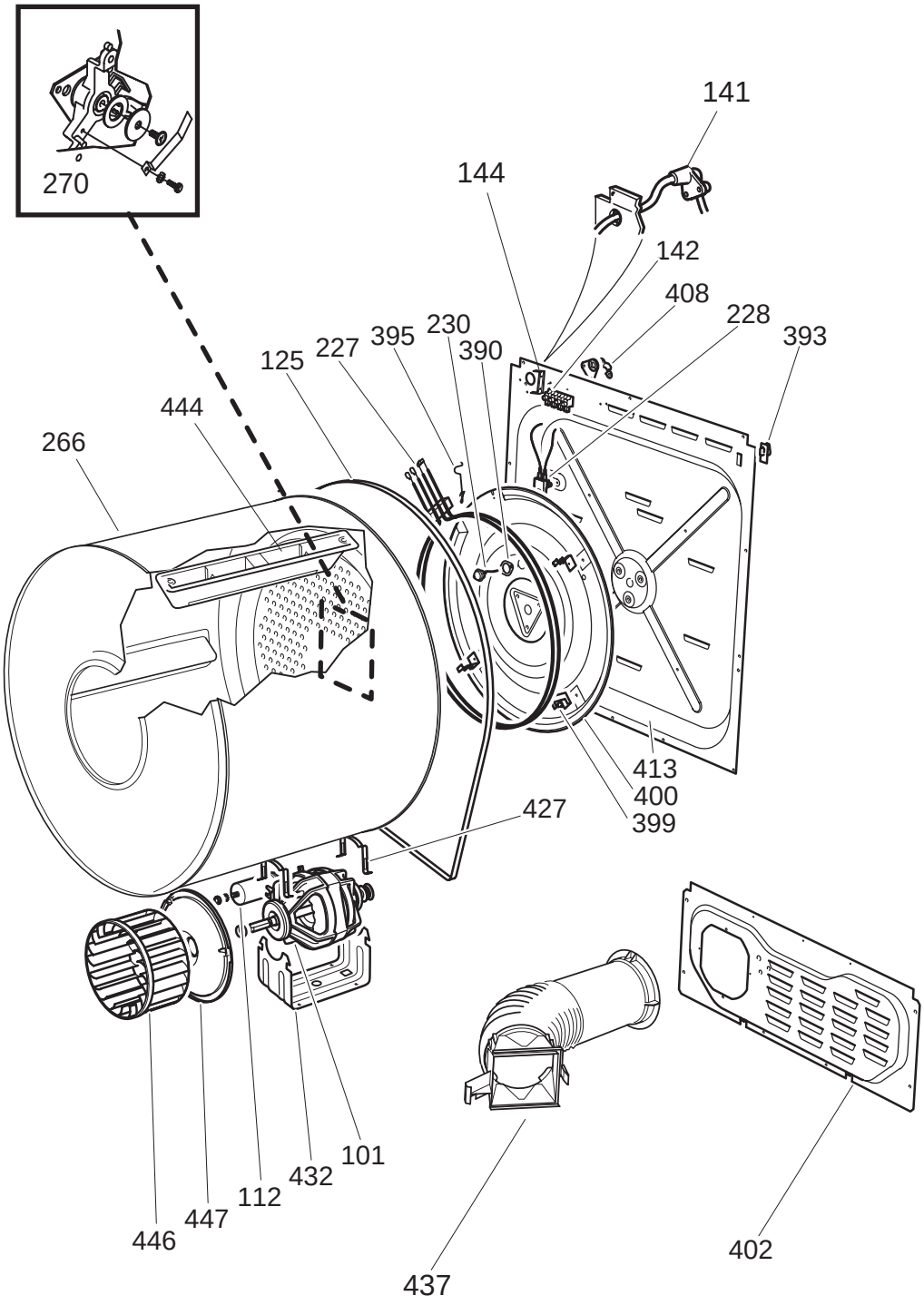
Wiring Diagram
Exploded Views
Parts List

January 2007

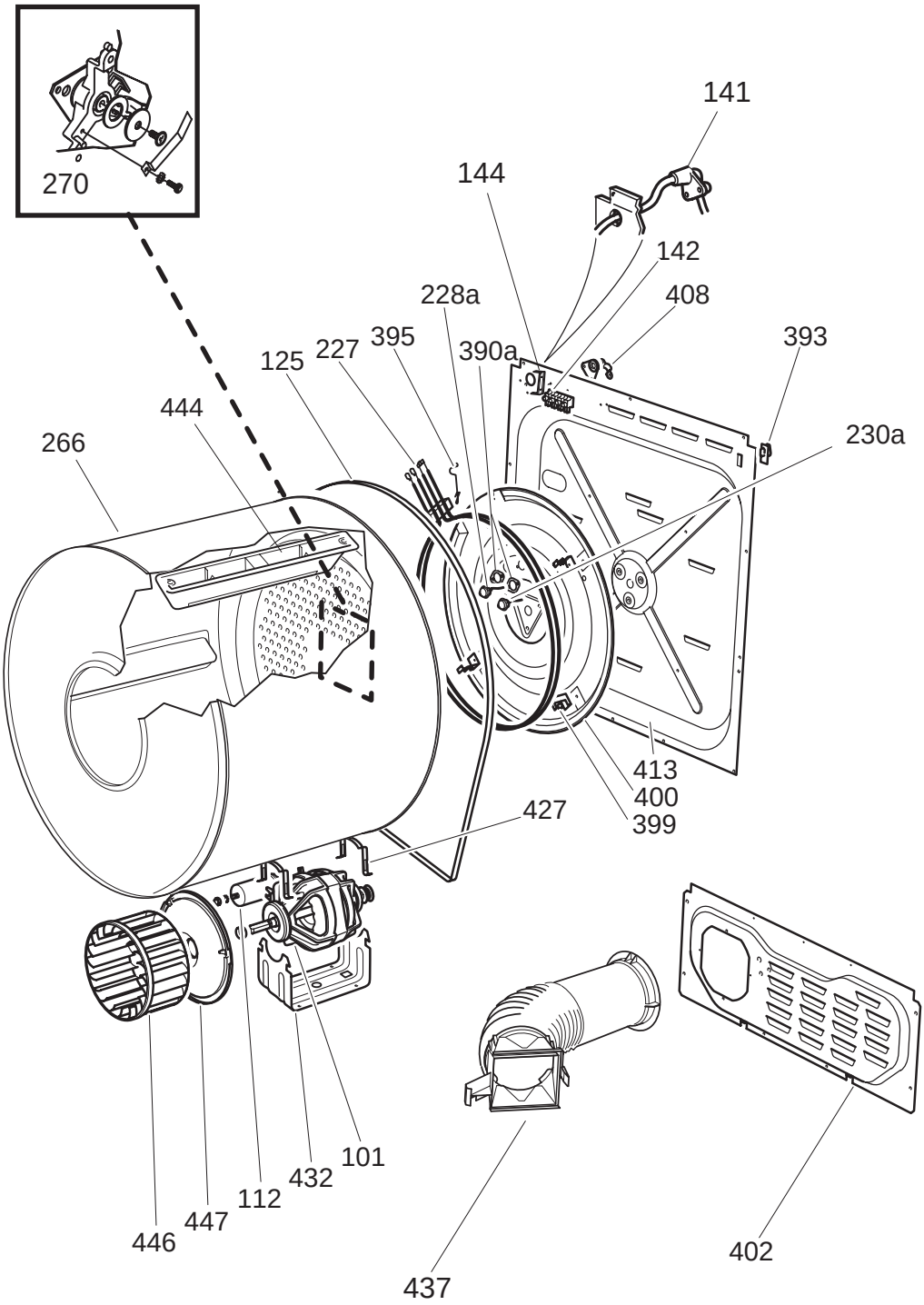
White Knight 42AW - Exploded View 1



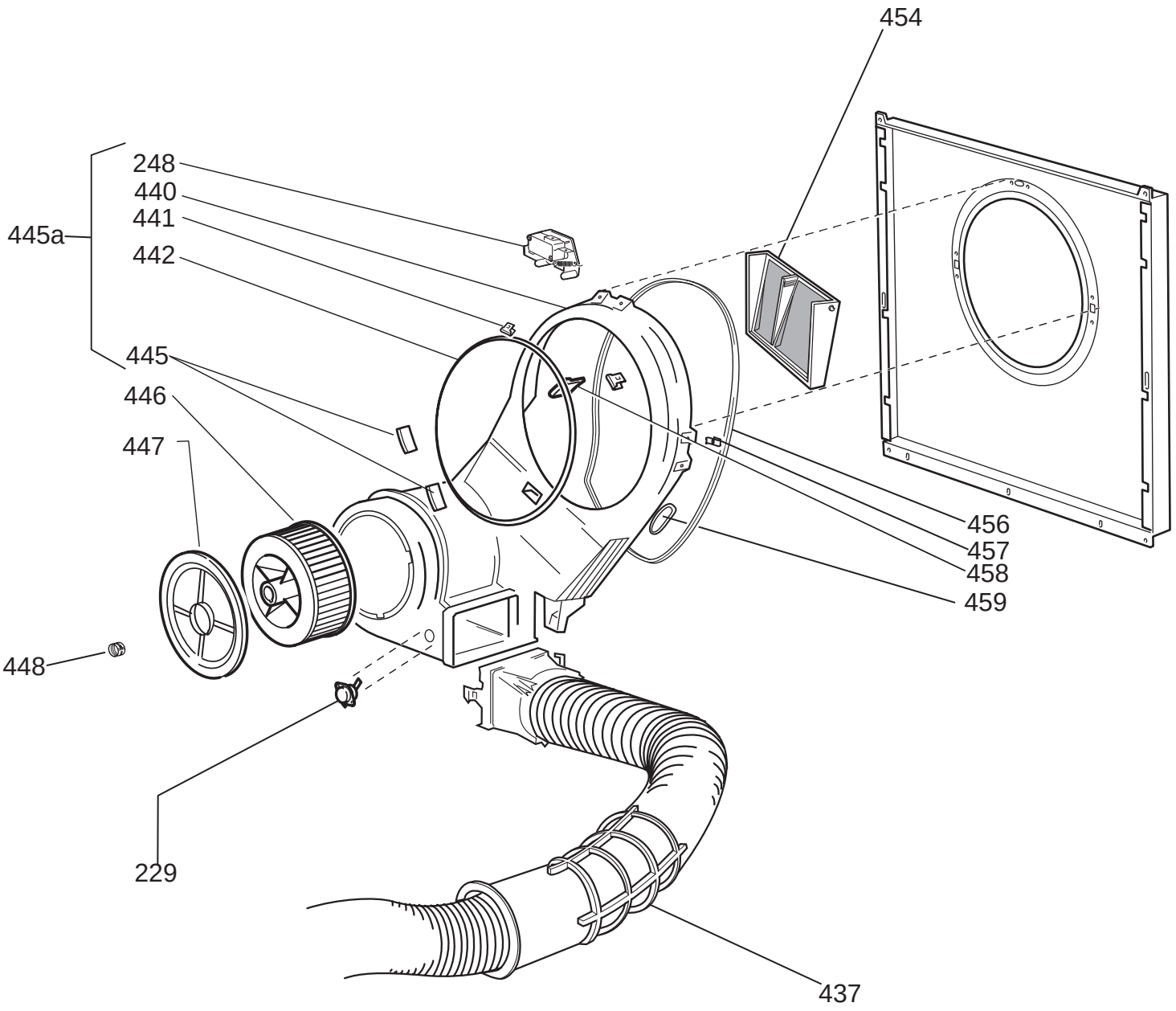
White Knight 42AW - Exploded View 2



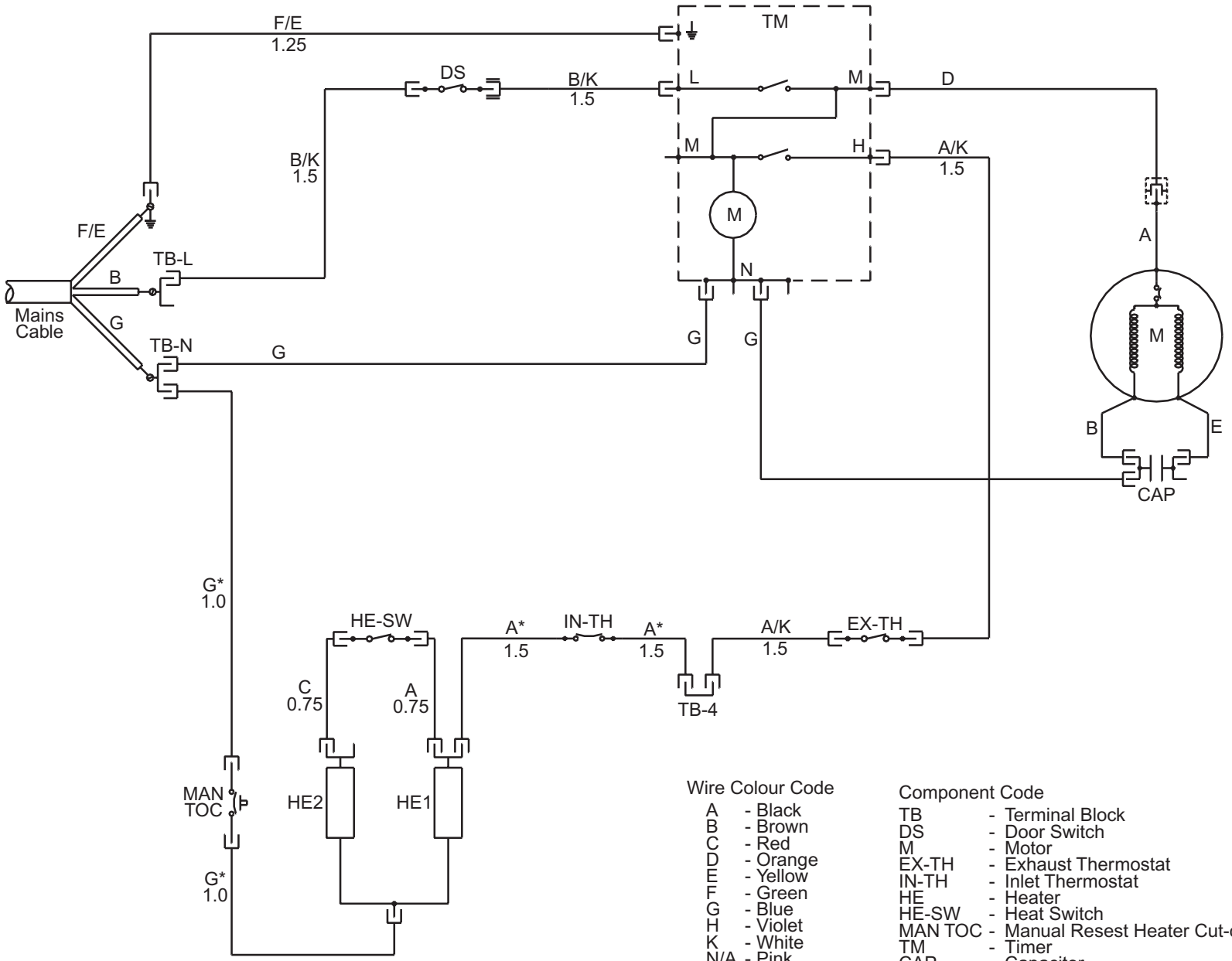
White Knight 42AW - Air Vented Tumble Dryer - Exploded View 2a



White Knight 42AW - Exploded View 3



White Knight 42AW - Wiring Diagram



Wire Colour Code

A	- Black
B	- Brown
C	- Red
D	- Orange
E	- Yellow
F	- Green
G	- Blue
H	- Violet
K	- White
N/A	- Pink

Component Code

TB	- Terminal Block
DS	- Door Switch
M	- Motor
EX-TH	- Exhaust Thermostat
IN-TH	- Inlet Thermostat
HE	- Heater
HE-SW	- Heat Switch
MAN TOC	- Manual Resest Heater Cut-out
TM	- Timer
CAP	- Capacitor

WHITE KNIGHT 42AW AIR VENTED TUMBLE DRYER - SPARE PARTS LIST

ITEM	DESCRIPTION	CODE	EXPLODED VIEW
101	Motor & 8uf Capacitor Assembly	4213 092 25611	2
112	8uf Capacitor	4213 092 08091	2
125	Drive Belt	4213 092 18601	2
141	Mains Cable & Plug	4213 076 35123	2
142	Terminal Block	4213 078 44613	2
144	Earth Tab Assembly	4213 092 41181	1
196	Cabinet Assembly	4213 092 17761	1
199	Plinth Assembly	4213 092 35741	1
201	Door Seal	4213 077 08344	1
203	Complete Door Assembly	4213 092 28061	1
203a	Door Frame Assy	4213 092 17771	1
211	Timer	4213 078 55121	1
227	Heating Element	4213 092 05521	2
228	**Heat TOC**	**4213 078 50161**	**2**
228a	**Heat TOC**	**4213 078 57371**	**2a**
229	Thermostat	4213 078 48373	3
230	**Thermostat (inlet)**	**4213 078 56261**	**2**
230a	**Thermostat (inlet)**	**4213 078 57361**	**2a**
235	Heat Switch	4213 078 52401	1
248	Microswitch/Bracket Assembly	4213 092 05251	1 & 3
266	Drum Assembly	4213 092 05531	2
270	Drum Shaft/Bearing Kit	4213 092 05591	2
352	Timer Knob Assembly	4213 092 42701	1
353	Control Panel Assembly	4213 092 43761	1
359	Door Hinge Assembly	4213 092 26071	1
362	Window	4213 077 44094	1
363	Door Frame	4213 092 38891	1
364	Latch Pivot	4213 075 13013	1
365	Latch Spring	4213 075 70833	1
366	Door Latch	4213 077 53413	1
367	Switch Strike	4213 077 83571	1
369	Loom Clip	4213 075 70941	1
370	Latch Guide	4213 077 40992	1
372	Timer Bracket	4213 070 10932	1
376	Front Panel	4213 092 18271	1 & 3
377	Button	4213 077 89001	1
386	Top Cover	4213 092 42721	1
390	**Gasket**	**4213 074 50862**	**2**
390a	**Gasket**	**4213 092 45121**	**2a**
393	Flex Support Clip	4213 077 40982	2
394	Foot	4213 077 39833	1
395	Heater Wires Clip	4213 075 70971	2
399	Heater Support	4213 080 06619	2
400	Heater Plate	4213 080 14551	2
402	Access Panel	4213 080 06558	2
403	Roller Assembly	4213 092 35651	1
408	Cable Clamp	4213 078 47303	2
413	Back Panel	4213 080 0654B	2

427	Motor Spring Clip	4213 078 45362	2
432	Motor Mount Bracket	4213 080 0675A	2
437	Extendable Rear Vent Assembly (short)	0312 002 02000	2 & 3
440	Banjo Assembly	4213 092 17811	3
441	Front Bearing (short)	4213 077 40952	3
442	Front Seal	4213 077 40941	3
444	Lifter	4213 077 41009	2
445	Front Bearing (long)	4213 077 40962	3
445a	Bearing & Seal Kit Assy	4213 092 21171	3
446	Fan	4213 077 40896	2 & 3
447	Access Cover Assembly	4213 092 18081	2 & 3
448	Spring Clip (Fan)	4213 075 71162	3
454	Filter	4213 092 17821	3
456	Banjo Seal	4213 077 07991	3
457	J' Clip	2513 482 08002	3
458	Banjo Insert No 2	4213 077 53502	3
459	Banjo Insert No 1	4213 077 53492	3

NOT SHOWN ON EXPLODED VIEW	
LOOM ASSEMBLY	4213 076 41932
INSTRUCTION BOOK - EXP VIEW 2	**4213 094 5932C**
INSTRUCTION BOOK - EXP VIEW 2a	**4213 094 66581**

We are in the process of developing a new Heat TOC and Inlet thermostat design *to avoid nuisance operations. Tumble dryers with the following serial numbers have* been fiited with the improved combination of thermostats, and have had removed the black open-bladed Heat TOC (see - expolded view 2, item 288) and Inlet *thermostat (see - exploded view 2, item 230).*

To identify these machines, they will have serial numbers -
From 0702 494394 to 0702 0703 494793

The improved design uses both a new Inlet thermostat and heat TOC combination. These must be used as a pair and is not to be swapped with exsisting parts, or used on dryers with the black open-bladed Heat TOC (see exploded view 2a, item 228a) please order the correct new parts indicated by bold text in the parts list.

If the Heat TOC has tripped and needs to be reset, it can only be reset from inside the dryer, by removing the backpanel and depressing the small red button on the rear of the Heat TOC. If the Heat TOC has tripped, the most likely reason is that the Inlet thermostat has failed and must be replaced. Nuisance operation is most unlikely, always look for a cause.